



**MEENAKSHI CHANDRASEKARAN
COLLEGE OF ARTS AND SCIENCE**
(Affiliated to Bharathidasan University, Tiruchirappalli)
(UGC Recognized 2(f) & 12(B) Institution)

PROGRAM OUTCOME

PO1	Remember the fundamental concepts of Mathematics
PO2	Imbibe the skills necessary to effectively translate mathematical aspects to the general public
PO3	Develop Critical thinking ability so as to improve Employability and Decision making.
PO4	Apply Mathematical Models to solve critical problems.
PO5	Apply the concepts studied, in real life situations.
CO1	Learn the basics of differentiation and their applications.
CO2	understand and apply the concepts of envelopes using the cartesian formula for radius of curvature.
CO3	Evaluate the expansions of trigonometric functions.
CO4	Evaluate the expansions of hyperbolic functions and inverse hyperbolic functions.
CO5	Learn about the logarithm of a complex number, summation and angles.

PO → CO ↓	PO1	PO2	PO3	PO4	PO5
CO1	3	2	3	3	3
CO2	3	3	3	2	2
CO3	3	3	3	3	3
CO4	3	2	3	3	3
CO5	3	2	3	3	3
AVERAGE	3	2.4	3	2.8	2.8

INTERNAL EXAMINATION MARK DISTRIBUTION FOR EACH COURSE OUTCOME

CO	INTERNAL (25)		
	TEST (15)	SEMINAR (5)	ASSIGNMENT (5)
CO1	3	1	1
CO2	3	1	1
CO3	3	1	1
CO4	3	1	1
CO5	3	1	1
TOTAL	15	5	5

SNO	REG. NO	NAME	CO1	CO2	CO3	CO4	CO5	TOTAL	%
1	CB20S37	GOPIKA.S	4	5	5	4	5	23	92
2	CB20S37	GURUBHAVANI.R	4	4	4	4	4	20	80
3	CB20S37	JANANI.N	5	4	5	5	5	24	96
4	CB20S37	KALAIYARASI.A	5	5	5	5	4	24	96
5	CB20S37	KALANITHI.J	4	5	5	4	5	23	92
6	CB20S37	KAMALI.P	5	5	5	4	5	24	96
7	CB20S37	KANIMOZHI.A	5	5	5	4	5	24	96
8	CB20S37	KARTHIKA.G	4	4	4	5	5	22	88
9	CB20S37	MADHUMITHA.N	5	5	5	5	5	25	100
10	CB20S37	MAHALAKSHMI.K	4	5	5	5	5	24	99
11	CB20S37	NALAYINI.R	4	5	4	5	4	22	88
12	CB20S37	NALINIKA N	5	4	5	5	5	24	96
13	CB20S37	NOORUL JASMINE.K	4	5	4	5	4	22	88
14	CB20S37	PADHMAPRIYA.B	4	5	4	5	4	22	88
15	CB20S37	PAVITHRA.D	5	4	4	5	5	23	92
16	CB20S37	RAJESHWARI.R	5	4	5	5	4	23	92

17	CB20S37	SANTHIKA.S	5	5	5	4	5	24	96
18	CB20S37	SIVAGAMI.G	4	4	4	5	5	22	88
19	CB20S37	SOPIKA.M	5	5	5	4	5	24	96
20	CB20S37	SWATHI.G	4	4	4	5	5	22	88
21	CB20S37	VEDHAVANISHA.R	5	5	4	4	5	23	92
22	CB20S37	ABIRAMI.K.B	4	5	4	5	4	22	88
23	CB20S37	ARIYAPADMASRI.G	5	4	4	5	5	23	92
24	CB20S37	DEEPIKA.B	5	4	5	5	4	23	92
25	CB20S37	DHANALAKSHMI.B	4	5	4	5	4	22	88
26	CB20S37	GANGADEVI.S	5	5	5	4	5	24	96
27	CB20S37	PREETHI. T	4	4	4	5	5	22	88
AVERAGE			4.53	4.53	4.35	4.76	4.59		

EXPECTED ATTAINMENT IN EACH CO - 85%

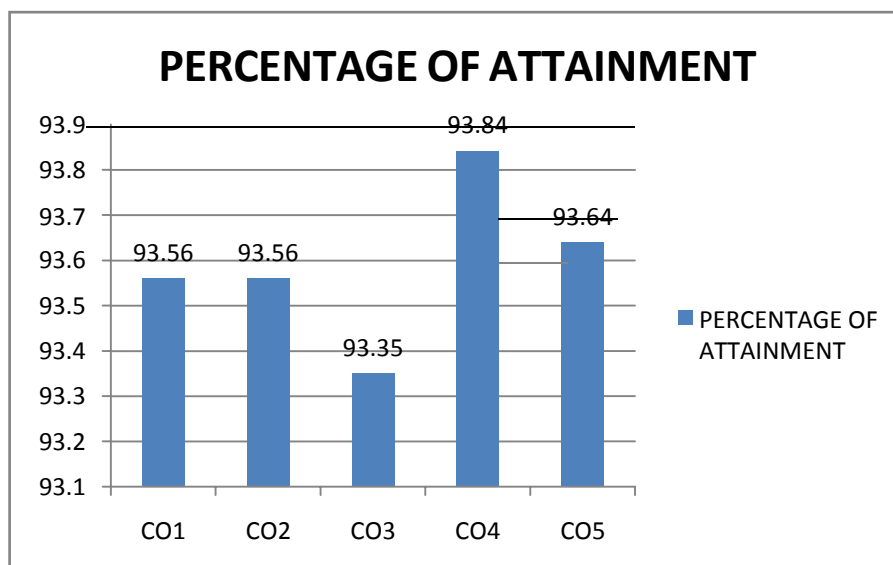
CO	TEST+	END SEM	TOTAL	%
CO1	4.53	75	79.53	93.5647
CO2	4.53	75	79.53	93.5647
CO3	4.35	75	79.35	93.3529
CO4	4.76	75	79.76	93.84
CO5	4.59	75	79.59	93.6353

DIFFERENTIAL CALCULUS AND TRIGONOMETRY

16SCCMM1

10

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	93.56
CO2	93.56
CO3	93.35
CO4	93.84
CO5	93.64



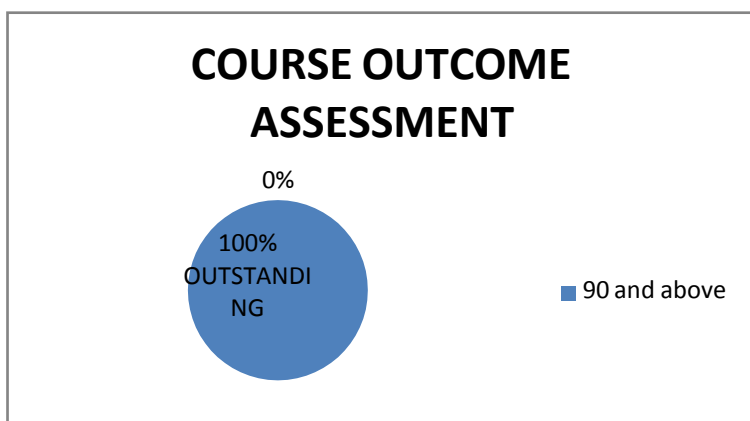
COURSE ATTAINMENT FOR B.Sc., MATHEMATICS

DIFFERENTIAL CALCULUS AND TRIGONOMETRY

16SCCMM1

10

COURSE OUTCOME ASSESSMENT		
CATEGORY(MARKS)	NO. OF STUDENTS	STATUS
90 AND ABOVE	10	OUTSTANDING
80-89	0	EXCELLENT
70-79	0	DISTINCTION
60-69	0	VERY GOOD
50-59	0	GOOD
40-49	0	AVERAGE
BELOW 40	0	RE -APPEAR
COURSE OUTCOME ASSESSMENT IN		
CATEGORY (MARKS)	PERCENTAGE	STATUS
90 and above	100	OUTSTANDING



PROGRAM OUTCOME

PO1	Identify and enhance mathematical and computational strategies in order to solve mathematical problems.
PO2	Know various specialized areas of advanced mathematics and its applications.
PO3	Work as Professional mathematicians either in academia or elsewhere.
PO4	Inculcate knowledge of formulation and apply mathematical concepts which are suitable for real life applications
PO5	Crack lectureship and fellowship exams affirmed by UGC like CSIR – NET and SET.

Name of the Programme: M.Sc Mathematics

CO1	Concept of space curve, Arc length, tangent, normal and binormal, curvature and torsion, contact between curves and
CO2	Learn the curves on a surface, Surface of revolution, Helicoid, Metric, Direction coefficients, families of curves, Isometric
CO3	Compute the Geodesics, Canonical geodesic equations, Normal property of geodesics, Geodesic parallels, Geodesics
CO4	Ability to understand the second fundamental form, Principal curvature, Lines of curvature, Developable,
CO5	Learn Compact surfaces whose points are umbilics, Compact surface of constant curvature, Complete surface and their

PO → CO ↓	PO2	PO3	PO4	PO5
CO1	2	2	2	3
CO2	2	3	2	2
CO3	3	2	3	2
CO4	1	3	1	3
CO5	3	3	3	1
AVERAGE	2.2	2.6	2.2	2.2

INTERNAL EXAMINATION MARK DISTRIBUTION FOR EACH COURSE OUTCOME

CO	INTERNAL (25)
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TEST (15)			SEMINAR (5)			ASSIGNMENT (5)		
CO1	3			1			1	
CO2	3			1			1	
CO3	3			1			1	
CO4	3			1			1	
CO5	3			1			1	
TOTAL	15			5			5	

SNO	REG. NO	NAME	CO1	CO2	CO3	CO4	CO5	TOTAL	%
1	P19191901	ABIRAMI.J	4	4	4	4	4	20	80
2	P19191902	AHASTHIYA.K	3	3	3	3	3	15	60
3	P19191903	ANITHASRLM	3	3	3	4	4	17	68
4	P19191904	ANUSUYA.B	5	5	5	4	4	23	92
5	P19191905	DURKA.R	4	4	4	4	4	20	80
6	P19191906	GOWRLM	4	4	4	4	4	20	80
7	P19191907	GUNA.S	5	5	5	5	5	25	100
8	P19191908	KABEERDHASHINI.K	4	4	4	4	4	20	80
9	P19191909	KAMALI.K	5	5	4	5	4	23	92
10	P19191910	KANIMOZHLM	4	3	4	3	4	18	72
11	P19191911	KANIMOZHLS	5	4	5	4	4	22	88
12	P19191912	KAVINISHA.N	4	4	4	4	4	20	80
13	P19191913	KAVIYA.S	5	5	4	4	4	22	88
14	P19191914	KEERTHANA.K	4	4	4	4	4	20	80
15	P19191915	KEERTHANA.M	5	5	4	5	4	23	92
16	P19191916	KOWSALYA.N	4	3	4	3	4	18	72
17	P19191917	LITHISHA.V	5	4	5	4	4	22	88
18	P19191918	MAHALAKSHMI.G	4	4	4	4	4	20	80
19	P19191919	LITHISHA.V	5	5	4	4	4	22	88
20	P19191921	MATHUBALA.P	5	5	4	4	4	22	88
21	P19191922	MONIKA.A	4	4	4	4	4	20	80
22	P19191923	MUTHUMANI.M	5	5	4	5	4	23	92
23	P19191924	MUTHUPRIYA.G	4	3	4	3	4	18	72
24	P19191925	PRADEEPA.R	5	5	5	4	4	23	92
25	P19191926	PRADEEPA.S	4	4	4	4	4	20	80
26	P19191927	PRIYADHARSHINI.G	4	4	4	4	4	20	80
27	P19191928	RADHIKA.R	5	5	5	5	5	25	100
28	P19191929	SENTHAMIZHSELVI.B	4	4	4	4	4	20	80
29	P19191930	SUKASINI.N	5	5	4	5	4	23	92
30	P19191931	THENMOZHI.G	4	3	4	3	4	18	72
31	P19191932	UTHAYANILA.S	5	4	5	4	4	22	88
32	P19191933	VEERASUNDARIA	4	4	4	4	4	20	80
33	P19191934	VENOTHINI.S	5	5	5	5	5	25	100
34	P19191935	VINOBHAM	4	4	4	4	4	20	80
			4.38	4.18	4.18	4.06	4.06		

EXPECTED ATTAINMENT IN EACH CO - 85%

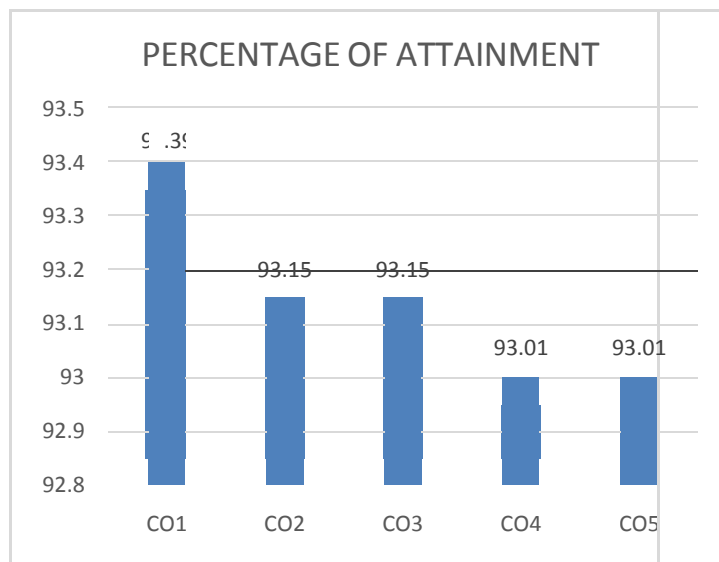
CO	TEST + SEMINAR + ASSIGNMENT	END SEM	TOTAL	%
CO1	4.38	75	79.38	93.39
CO2	4.18	75	79.18	93.15
CO3	4.18	75	79.18	93.15
CO4	4.06	75	79.06	93.01

CO5	4.06	75	79.06	93.01
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COURSE ATTAINMENT FOR M.Sc MATHEMATICS

SUBJECT NAME : DIFFERENTIAL GEOMETRY
SUBJECT CODE : P16MA42
NO.OF STUDENTS : 20

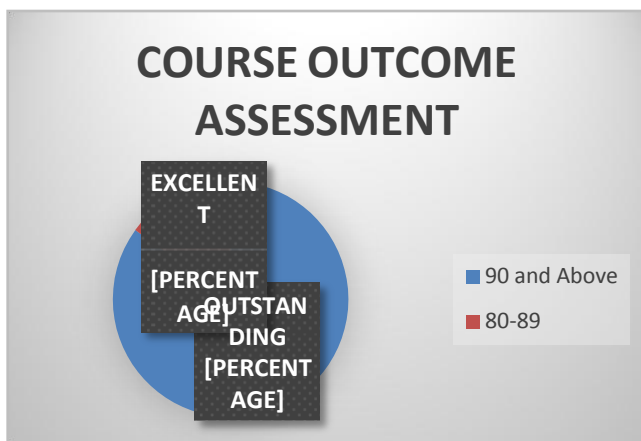
COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	93.39
CO2	93.15
CO3	93.15
CO4	93.01
CO5	93.01



COURSE ATTAINMENT FOR M.Sc MATHEMATICS

SUBJECT NAME : DIFFERENTIAL GEOMETRY
SUBJECT CODE : P16MA42
NO.OF STUDENTS : 20

COURSE OUTCOME ASSESSMENT		
CATEGORY (MARKS)	NO.OF.	STATUS
90 and above(100)	17	OUTSTANDING
80-89	3	EXCELLENT
70-79	0	DISTINCTION
60-69	0	VERY GOOD
50-59	0	GOOD
40-49	0	AVERAGE
Below 40	0	RE-APPEAR
COURSE OUTCOME ASSESSMENT IN PERCENTAGE		
CATEGORY (MARKS)	PERCENTAGE	STATUS
90 and Above	85%	OUTSTANDING
80-89	15%	EXCELLENT



PROGRAM OUTCOME

PO1	Identify and enhance mathematical and computational strategies in order to solve mathematical problems.
PO2	Know various specialized areas of advanced mathematics and its applications.
PO3	Work as Professional mathematicians either in academia or elsewhere.
PO4	Inculcate knowledge of formulation and apply mathematical concepts which area suitable for real life
PO5	Crack lectureship and fellowship exams affirmed by UGC like CSIR – NET and SET.

Name of the Programme: M.Sc Mathematics

COURSE OUTCOME	
CO1	Concept of Integer Programming Problems and Cutting plane method, Mixed IPP, Branch and Bound
CO2	Learn the Dynamic (multistage) algorithm, applications of Dynamic Programming.
CO3	Compute the Decision theory and Value of the game, Dominance property and Graphical method by Game
CO4	Ability to understand Deterministic inventory and Probability inventory, EOQ and Material Requirement
CO5	Learn Non-Linear Programming Algorithm, Direct method, constrained

PO →	PO1	PO2	PO3	PO4	PO5
CO1	3	2	2	2	2
CO2	1	2	3	2	3
CO3	3	1	1	3	2
CO4	3	3	2	3	2
CO5	2	3	3	3	1
AVERAGE	2.4	2.2	2.2	2.6	2

INTERNAL EXAMINATION MARK DISTRIBUTION FOR EACH COURSE OUTCOME

CO	INTERNAL (25)		
	TEST (15)	SEMINAR (5)	ASSIGNMENT (5)
CO1	3	1	1
CO2	3	1	1
CO3	3	1	1
CO4	3	1	1
CO5	3	1	1
TOTAL	15	5	5

SNO	REG. NO	NAME	CO1	CO2	CO3	CO4	CO5	TOTAL	%
1	P1919190	ABIRAMI.J	5	5	5	5	5	25	100
2	P1919190	AHASTHIYA.K	5	5	5	5	5	25	100
3	P1919190	ANITHASRI.M	4	5	5	5	5	24	96
4	P1919190	ANUSUYA.B	5	5	5	5	5	25	100
5	P1919190	DURKA.R	5	5	5	5	5	25	100
6	P1919190	GOWRI.M	5	5	5	5	5	25	100
7	P1919190	GUNA.S	5	5	5	5	5	25	100

8	P1919190	KABEERHASHIN	5	5	5	5	5	25	100
9	P1919190	KAMALI.K	5	5	5	5	5	25	100
10	P1919191	KANIMOZHI.M	5	5	5	5	5	25	100
11	P1919191	KANIMOZHI.S	5	5	5	5	5	25	100
12	P1919191	KAVINISHA.N	5	5	5	5	5	25	100
13	P1919191	KAVIYA.S	5	5	5	5	5	25	100
14	P1919191	KEERTHANA.K	5	5	5	5	5	25	100
15	P1919191	KEERTHANA.M	4	4	5	5	4	22	88
16	P1919191	KOWSALYA.N	5	5	5	5	5	25	100
17	P1919191	LITHISHA.V	5	5	5	5	5	25	100
18	P1919191	MAHALAKSHMI.G	5	5	5	5	5	25	100
19	P1919191	MAHALAKSHMI.R	5	5	4	4	5	23	92
20	P1919192	MATHUBALA.P	5	5	5	5	5	25	100
21	P1919192	MONIKA.A	5	5	5	5	5	25	100
22	P1919192	MUTHUMANI.M	4	5	5	5	5	24	96
23	P1919192	MUTHUPRIYA.G	5	5	5	5	5	25	100
24	P1919192	PRADEEPA.R	5	5	5	5	5	25	100
25	P1919192	PRADEEPA.S	5	5	5	5	5	25	100
26	P1919192	PRIYADHARSHINI	5	5	5	5	5	25	100
27	P1919192	RADHIKA.R	5	5	5	5	5	25	100
28	P1919192	SENTHAMIZHSEL	5	5	5	5	5	25	100
29	P1919193	SUKASINI.N	5	5	5	5	5	25	100
30	P1919193	THENMOZHI.G	5	5	5	5	5	25	100
31	P1919193	UTHAYANILA.S	5	5	5	5	5	25	100
32	P1919193	VEERASUNDARI.	5	5	5	5	5	25	100
33	P1919193	VENOTHINI.S	4	5	5	5	5	24	96
34	P1919193	VINOBHAM	5	5	5	5	5	25	100
AVERAGE			4.88	4.97	4.97	4.97	4.97		

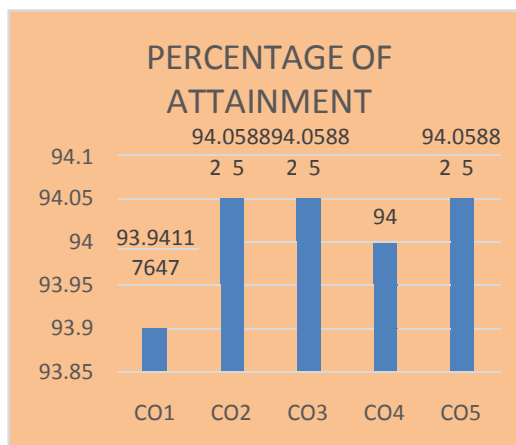
EXPECTED ATTAINMENT IN EACH CO - 85%

CO	TEST +	END SEM	TOTAL	%
CO1	4.88	75	79.85	93.94
CO2	4.957	75	79.95	94.06
CO3	4.97	75	79.95	94.06
CO4	4.97	75	79.9	94.00
CO5	4.97	75	79.95	94.06

COURSE ATTAINMENT FOR M.Sc MATHEMATICS

SUBJECT NAME : ADVANCED OPERATIONS R
SUBJECT CODE : P16MAE4B
NO.OF STUDENTS : 20

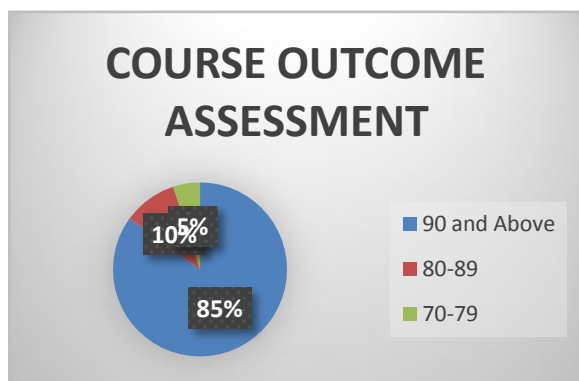
COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	93.94
CO2	94.06
CO3	94.06
CO4	94.00
CO5	94.06



COURSE ATTAINMENT FOR M.Sc MATHEMATICS

SUBJECT NAME : ADVANCED OPERATIONS RESEARCH
SUBJECT CODE : P16MAE4B
NO.OF STUDENTS : 20

COURSE OUTCOME ASSESSMENT		
ATEGORY (MARK	NO.OF.	STATUS
90 and Above	17	OUTSTANDING
80-89	2	EXCELLENT
70-79	1	DISTINCTION
60-69	0	VERY GOOD
50-59	0	GOOD
40-49	0	AVERAGE
Below 40	0	RE-APPEAR
CATEGO RY (MARKS)	ENTAI	STATUS
90 and Above	85%	OUTSTANDING
80-89	10%	EXCELLENT
70-79	5%	DISTINCTION



PROGRAM OUTCOME

PO1	Identify and enhance mathematical and computational strategies in order to solve mathematical problems.
PO2	Know various specialized areas of advanced mathematics and its applications.
PO3	Work as Professional mathematicians either in academia or elsewhere.
PO4	Inculcate knowledge of formulation and apply mathematical concepts which area suitable for real life applications.
PO5	Crack lectureship and fellowship exams affirmed by UGC like CSIR – NET and SET.

Name of the Programme: M.Sc Mathematics

COURSE OUTCOME	
CO1	Apply various methods to solve transcendental and polynomial equations
CO2	Solve system of linear algebraic equations and Eigen value problems
CO3	Classify the various techniques of interpolation and approximation.
CO4	Compute the integration and differentiation problems.
CO5	Determine the various methods to solve ordinary differential equations

PO →	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	3	3
CO2	3	3	3	2	3
CO3	3	2	3	3	3
CO4	3	3	3	3	3
CO5	3	3	3	3	3
AVERAGE	3	2.8	3	2.8	3

INTERNAL EXAMINATION MARK DISTRIBUTION FOR EACH COURSE OUTCOME

CO	INTERNAL (25)

	TEST (15)	SEMINAR (5)	ASSIGNMENT (5)
CO1	3	1	1
CO2	3	1	1
CO3	3	1	1
CO4	3	1	1
CO5	3	1	1
TOTA	15	5	5

SNO	REG. NO	NAME	CO1	CO2	CO3	CO4	CO5	TOTAL	%
1	P1919190	ABIRAMI.J	5	4	5	4	5	23	92
2	P1919190	AHASTHIYA.K	5	4	5	5	4	23	92
3	P1919190	ANITHASRI.M	5	5	4	5	5	24	96
4	P1919190	ANUSUYA.B	5	4	4	4	4	21	84
5	P1919190	DURKA.R	5	4	5	5	5	24	96
6	P1919190	GOWRI.M	5	5	5	5	5	25	100
7	P1919190	GUNA.S	5	5	5	5	5	25	100
8	P1919190	KABEERHASHINI.K	5	5	5	5	5	25	100
9	P1919190	KAMALI.K	5	5	5	5	5	25	100
10	P1919191	KANIMOZHIL.M	5	5	4	5	5	24	96
11	P1919191	KANIMOZHIL.S	5	5	5	5	5	25	100
12	P1919191	KAVINISHA.N	4	5	5	5	5	24	96
13	P1919191	KAVIYA.S	4	5	5	5	4	23	92
14	P1919191	KEERTHANA.K	5	5	5	5	5	25	100
15	P1919191	KEERTHANA.M	4	4	5	5	4	22	88
16	P1919191	KOWSALYA.N	5	4	4	5	5	23	92
17	P1919191	LITHISHA.V	4	4	4	5	5	22	88
18	P1919191	MAHALAKSHMI.G	5	5	5	5	5	25	100
19	P1919191	LITHISHA.V	5	4	5	5	4	23	92
20	P1919192	MATHUBALA.P	5	4	5	4	5	23	92
21	P1919192	MONIKA.A	5	4	5	5	4	23	92
22	P1919192	MUTHUMANI.M	5	5	4	5	5	24	96
23	P1919192	MUTHUPRIYA.G	5	4	4	4	4	21	84
24	P1919192	PRADEEPA.R	5	4	5	5	5	24	96
25	P1919192	PRADEEPA.S	5	5	5	5	5	25	100
26	P1919192	PRIYADHARSHINI.G	5	5	5	5	5	25	100
27	P1919192	RADHIKA.R	5	5	5	5	5	25	100
28	P1919192	SENTHAMIZHSELVI.B	5	5	5	5	5	25	100
29	P1919193	SUKASINI.N	5	5	5	5	5	25	100
30	P1919193	THENMOZHIL.G	5	4	5	5	4	23	92
31	P1919193	UTHAYANILA.S	5	4	5	4	5	23	92
32	P1919193	VEERASUNDARIA	5	4	5	5	4	23	92
33	P1919193	VENOTHINI.S	5	5	4	5	5	24	96
34	P1919193	VINOBHA.M	5	4	4	4	4	21	84
AVERAGE			4.88	4.53	4.74	4.82	4.71		

EXPECTED ATTAINMENT IN EACH CO - 85%

CO	TEST +	END SEM	TOTAL	%
CO1	4.88	75	79.80	93.88
CO2	4.53	75	79.60	93.65
CO3	4.74	75	79.70	93.76
CO4	4.82	75	79.85	93.94
CO5	4.71	75	79.75	93.82

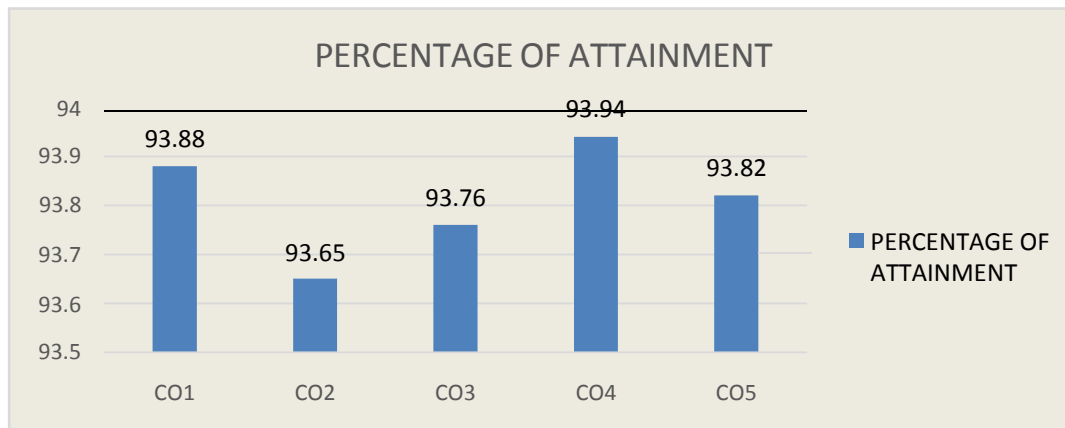
COURSE ATTAINMENT FOR M.ScMATHEMATICS

SUBJECT NAME

: ADVANCED NUMERICAL ANALYSIS

SUBJECT CODE : P16MA43
 NO.OF STUDENTS 20

COURSE	PERCENTAG
CO1	93.88
CO2	93.65
CO3	93.76
CO4	93.94
CO5	93.82

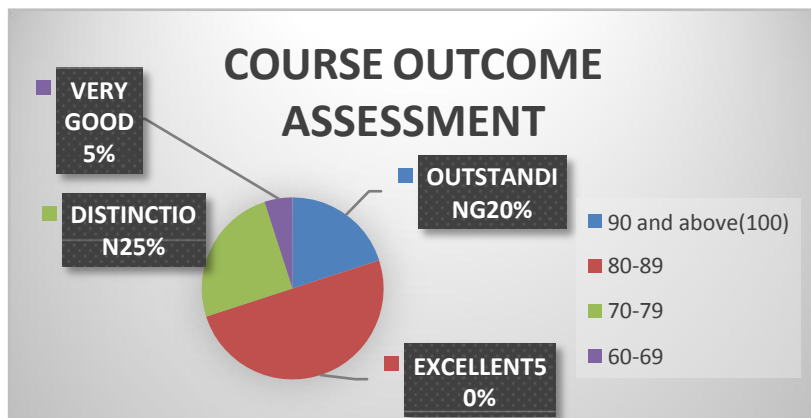


COURSE ATTAINMENT FOR M.ScMATHEMATICS

SUBJECT NAME : ADVANCED NUMERICAL ANALYSIS
 SUBJECT CODE : P16MA43
 NO.OF STUDENTS : 20

COURSE OUTCOME ASSESSMENT		
CATEGORY (MARKS)	NO.OF.STUDENTS	STATUS
90 and Above	4	OUTSTANDING
80-89	10	EXCELLENT
70-79	5	DISTINCTION
60-69	1	VERY GOOD
50-59	0	GOOD
40-49	0	AVERAGE
Below 40	0	RE-APPEAR

COURSE OUTCOME ASSESSMENT IN PERCENTAGE		
CATEGORY (MARKS)	PERCENTAGE	STATUS
90 and Above	20%	OUTSTANDING
80-89	50%	EXCELLENT
70-79	25%	DISTINCTION
60-69	5%	VERY GOOD



PROGRAM OUTCOME

PO1	Remember the fundamental concepts of Mathematics
-----	--

PO2	Imbibe the skills necessary to effectively translate mathematical aspects to the general public
PO3	Develop Critical thinking ability so as to improve Employability and Decision making.
PO4	Apply Mathematical Models to solve critical problems.
PO5	Apply the concepts studied, in real life situations.
Name of the Programme: B.Sc Mathematics	
CO1	Learn Vector differentiation.
CO2	Learn Vector integration.
CO3	Learn verifications of the theorems for Simple problems .
CO4	Acquire the knowledge about Fourier series for periodic signals.
CO5	Learn the development of Fourier Series in cosine and sine series.

PO → CO ↓	PO1	PO2	PO3	PO4	PO5
CO1	3	2	2	3	2
CO2	2	2	3	3	3
CO3	3	3	2	2	2
CO4	3	3	2	2	3
CO5	3	2	3	3	3
AVERAGE	2.8	2.4	2.4	2.6	2.6

INTERNAL EXAMINATION MARK DISTRIBUTION FOR EACH COURSE OUTCOME

CO	INTERNAL (25)		
	UNIT TEST (15)	SEMINAR (5)	ASSIGNMENT (5)
CO1	3	1	1
CO2	3	1	1
CO3	3	1	1
CO4	3	1	1
CO5	3	1	1
TOTAL	15	5	5

SNO	REG. NO	NAME	CO1	CO2	CO3	CO4	CO5	TOTAL	%
1	CB19S 3775	AKALYA.R	4	4	4	4	4	20	80
2	CB19S 3775	ARUNA.P	5	5	5	5	4	24	96
3	CB19S 3775	ATCHAYA.R	4	4	4	4	4	20	80
4	CB19S 3775	ATCHAYA.S	5	5	5	4	4	23	92
5	CB19S 3775	BHAVITHRA.G	5	5	4	4	4	22	88
6	CB19S 3775	DHARANISRI.S	5	5	5	5	4	24	96
7	CB19S 3775	DHARSHINI.M	4	4	4	4	4	20	80
8	CB19S 3775	DHIVYATHARSHINI.T	5	5	5	4	4	23	92
9	CB19S 3775	DIVYA.I	5	5	4	4	4	22	88
10	CB19S 3775	FARSHANA FATHIMA.S	5	5	5	5	4	24	96
11	CB19S 3775	INDHUJA.T	4	4	4	4	4	20	80
12	CB19S 3775	JAYASRI.C	5	5	5	4	4	23	92
13	CB19S 3775	JEGASHREE.S	5	5	4	4	4	22	88
14	CB19S 3775	KAMALI.S	5	5	5	5	4	24	96
15	CB19S 3775	KANMANI.K.S	4	4	4	4	4	20	80
16	CB19S 3775	KASTHURIPRIYA.S	5	5	5	4	4	23	92
17	CB19S 3775	MARYGOWRI.A	5	5	4	4	4	22	88
18	CB19S 3775	MOHANA.M	5	5	5	5	4	24	96
19	CB19S 3775	NAZIMA BEGAM.N	4	4	4	4	4	20	80
20	CB19S 3775	OVIYA.S	5	5	5	4	4	23	92
21	CB19S 3775	PARAMESHWARI.P	5	5	4	4	4	22	88
22	CB19S 3775	PREETHIKADEVI.B	5	5	4	4	4	22	88

23	CB19S 3775	PRITHIKA.R	5	5	4	4	4	22	88
24	CB19S 3775	SHABANA YASMIN.M	4	4	4	4	4	20	80
25	CB19S 3775	SHARUBALA.S	5	5	5	5	4	24	96
26	CB19S 3775	SRIKAVI.S	5	5	5	5	4	24	96
27	CB19S 3775	SUREKA.V	5	5	5	5	5	25	100
28	CB19S 3775	SUVEDHA.V	5	5	5	5	4	24	96
29	CB19S 3775	VINISIYA.S	5	5	4	5	5	24	96
AVERAGE			4.73	4.73	4.55	4.55	4.18		

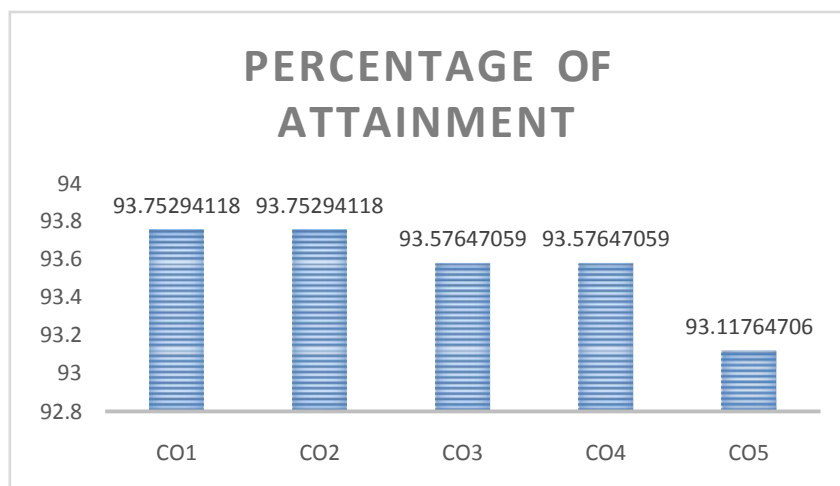
EXPECTED ATTAINMENT IN EACH CO - 85%

CO	TEST +	END SEM	TOTAL	%
CO1	4.69	75	79.69	93.75
CO2	4.69	75	79.69	93.75
CO3	4.54	75	79.54	93.58
CO4	4.54	75	79.54	93.58
CO5	4.15	75	79.15	93.12

COURSE ATTAINMENT FOR B.SC MATHEMATICS

SUBJECT NAME : VECTOR CALCULUS AND FOURIER SERIES
SUBJECT CODE : 16SCCMM7
NO OF STUDENTS : 13

COURSE OUTCOME	PERCENT AGE OF ATTAINMENT
CO1	93.75
CO2	93.75
CO3	93.58
CO4	93.58
CO5	93.12



COURSE ATTAINMENT FOR B.Sc MATHEMATICS

SUBJECT NAME : VECTOR CALCULUS AND FOURIER SERIES
SUBJECT CODE : 16SCCMM7
NO OF STUDENTS : 13

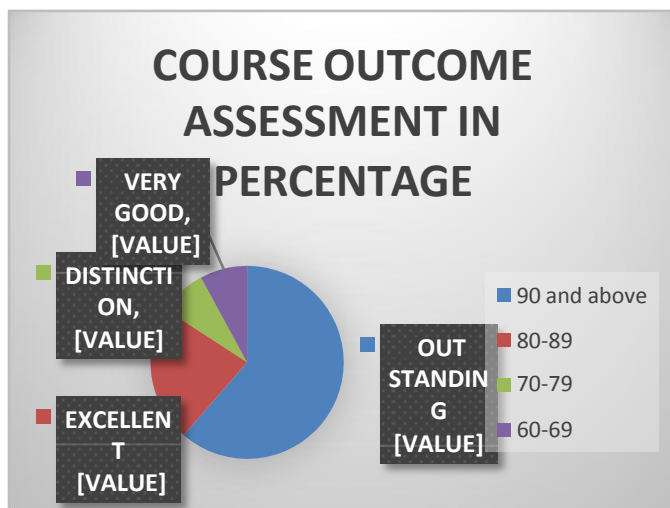
COURSE OUTCOME ASSESSMENT

CATEGORY MARKS	NO OF	STATUS
90 and above	8	OUTSTANDING

80-89	3	EXCELLENT
70-79	1	DISTINCTION
60-69	1	VERY GOOD
50-59	0	GOOD
40-49	0	AVERAGE
below 40	0	RE-APPEAR

COURSE OUTCOME ASSESSMENT IN PERCENTAGE (%)

CATEGORY	PERCENTAGE	STATUS
90 and above	62	OUTSTANDING
80-89	23	EXCELLENT
70-79	8	DISTINCTION
60-69	8	VERY GOOD



PROGRAM OUTCOME

PO1	Identify and enhance mathematical and computational strategies in order to solve mathematical problems.
PO2	Know various specialized areas of advanced mathematics and its applications.
PO3	Work as Professional mathematicians either in academia or elsewhere.
PO4	Inculcate knowledge of formulation and apply mathematical concepts which are suitable for real life.
PO5	Crack lectureship and fellowship exams affirmed by UGC like CSIR – NET and SET.

NAME OF THE PROGRAMME: M.Sc., MATHEMATICS

COURSE OUTCOME

CO1	Define topological spaces and explain the properties of order topology, product topology,
CO2	Describe the properties on metric topology
CO3	Gain the knowledge of connected spaces.
CO4	Apply domain knowledge for compact space with examples.
CO5	State and prove Urysohn lemma, Urysohn Metrization theorem and The Tietz Extension Theorem.

PO → CO ↓	PO1	PO2	PO3	PO4	PO5
CO1	3	2	2	2	0
CO2	2	3	3	2	1
CO3	3	3	3	3	0
CO4	3	2	3	3	0
CO5	3	3	3	2	0
AVERAGE	2.8	2.6	2.8	2.4	0.2

CO	INTERNAL (25)		
	UNIT TEST (15)	SEMINAR (5)	ASSIGNMENT (5)

CO1	3	1	1
CO2	3	1	1
CO3	3	1	1
CO4	3	1	1
CO5	3	1	1
TOTAL	15	5	5

SNO	REG. NO	NAME	CO1	CO2	CO3	CO4	CO5	TOTAL	%
1	P1919101	ABIRAMI.J	5	5	5	5	5	25	100
2	P1919102	AHASTHIYA.K	5	5	5	5	5	25	100
3	P1919103	ANITHASRI.M	5	5	5	5	4	24	96
4	P1919104	ANUSUYA.B	5	5	5	5	5	25	100
5	P1919105	DURKA.R	5	5	5	5	5	25	100
6	P1919106	GOWRI.M	5	5	4	4	4	22	88
7	P1919107	GUNA.S	5	5	5	5	5	25	100
8	P1919108	KABEERDHASHINI.K	5	5	5	5	5	25	100
9	P1919109	KAMALI.K	5	5	5	5	4	24	96
10	P1919110	KANIMOZHI.M	5	5	5	5	5	25	100
11	P1919111	KANIMOZHI.S	5	5	5	5	5	25	100
12	P1919112	KAVINISHA.N	5	5	4	4	4	22	88
13	P1919113	KAVIYA.S	5	5	5	5	5	25	100
14	P1919114	KEERTHANA.K	5	5	5	5	5	25	100
15	P1919115	KEERTHANA.M	5	5	5	5	4	24	96
16	P1919116	KOWSALYA.N	5	5	5	5	4	24	96
17	P1919117	LITHISHA.V	5	5	5	5	5	25	100
18	P1919118	MAHALAKSHMI.G	5	5	5	5	5	25	100
19	P1919119	LITHISHA.V	5	5	4	4	4	22	88
20	P1919121	MATHUBALA.P	5	5	5	5	5	25	100
21	P1919122	MONIKA.A	5	5	5	5	5	25	100
22	P1919123	MUTHUMANI.M	5	5	5	5	5	25	100
23	P1919124	MUTHUPRIYA.G	5	5	5	5	5	25	100
24	P1919125	PRADEEPA.R	5	5	5	5	5	25	100
25	P1919126	PRADEEPA.S	5	5	5	5	5	25	100
26	P1919127	PRIYADHARSHINI.G	5	5	5	5	5	25	100
27	P1919128	RADHIKA.R	5	5	5	5	5	25	100
28	P1919129	SENTHAMIZHSELVI.B	5	5	5	5	5	25	100
29	P1919130	SUKASINI.N	5	5	5	5	5	25	100
30	P1919131	THENMOZHI.G	5	4	4	4	4	21	84
31	P1919132	UTHAYANILA.S	5	5	5	5	5	25	100
32	P1919131	VEERASUNDARIA	5	5	5	5	5	25	100
33	P1919131	VENOTHINI.S	5	5	5	5	5	25	100
34	P1919132	VINOBHA.M	5	5	5	4	4	23	92
AVERAGE			5.00	4.95	4.89	4.84	4.79		

EXPECTED ATTAINMENT IN EACH CO - 85%

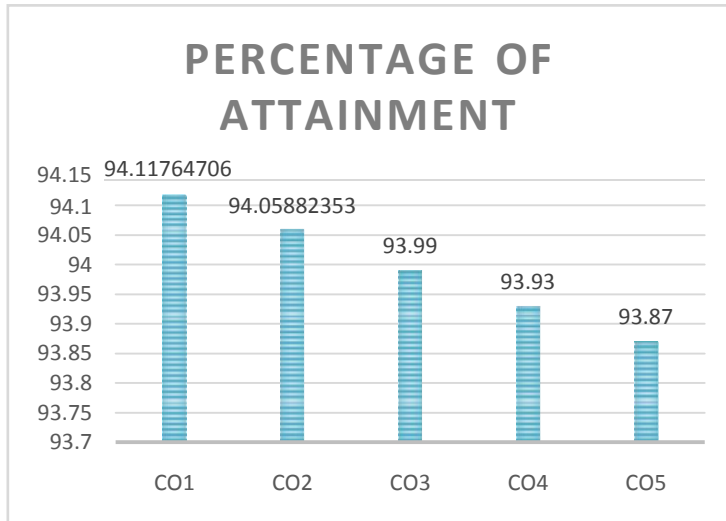
CO	TEST + SEMINAR+ ASSIGNMENT	END SEM	TOTAL	%
CO1	5.00	75	80.00	94.12
CO2	4.95	75	79.95	94.06
CO3	4.89	75	79.89	93.99
CO4	4.84	75	79.84	93.93
CO5	4.79	75	79.79	93.87

SUBJECT NAME : TOPOLOGY

SUBJECT CODE : P16MA33

NO OF STUDENTS : 20

COURSE OUTCOME	OF
CO1	94.12
CO2	94.06
CO3	93.99
CO4	93.93
CO5	93.87



COURSE ATTAINMENT FOR M.Sc MATHEMATICS

SUBJECT NAME : TOPOLOGY

SUBJECT CODE : P16MA33

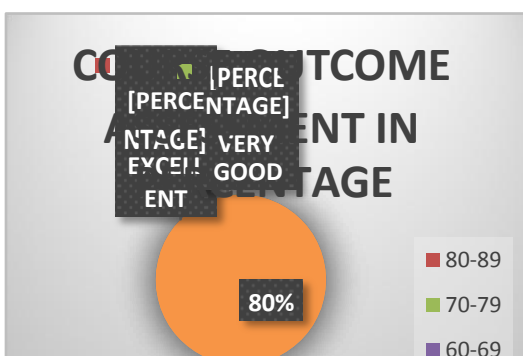
NO OF STUDENTS : 20

COURSE OUTCOME ASSESSMENT

CATEGORY MARKS	NO OF STUDENTS	STATUS
90 and above (100)	16	OUTSTANDING
80-89	3	EXCELLENT
70-79	1	VERY GOOD
60-69	0	GOOD
50-59	0	ABOVE AVERAGE
below 49	0	RE-APPEAR

COURSE OUTCOME ASSESSMENT IN PERCENTAGE (%)

CATEGORY MARKS	PERCENTAGE	STATUS
90 and Above	80	EXCELLENT
80-89	15	VERY GOOD
70-79	5	GOOD



PROGRAM OUTCOME

PO1	Remember the fundamental concepts of Mathematics
PO2	Imbibe the skills necessary to effectively translate mathematical aspects to the general public
PO3	Develop Critical thinking ability so as to improve Employability and Decision making.
PO4	Apply Mathematical Models to solve critical problems.
PO5	Apply the concepts studied, in real life situations.

NAME OF THE PROGRAMME: B.Sc., MATHEMATICS**COURSE OUTCOME**

CO1	Students will be able to acquire the basic knowledge of all Integral models and
CO2	Applications of definite Definite integrals, Integration by parts and Understand the
CO3	Verify Geometric Application of integration to length, area and volume.
CO4	.Evaluate areas, length of a curve and surface of revolution occurring in real life
CO5	Techniques of Beta, Gamma integrals. Various integration formulae.

PO → CO↓	PO1	PO2	PO3	PO4	PO5
CO1	3	2	3	3	3
CO2	3	3	3	2	2
CO3	2	3	2	3	3
CO4	3	2	3	3	3
CO5	3	3	3	3	2
AVERAGE	2.8	2.6	2.8	2.8	2.6

INTERNAL EXAMINATION MARK DISTRIBUTION FOR EACH COURSE OUTCOME

CO	INTERNAL (25)		
	UNIT TEST (15)	SEMINAR (5)	ASSIGNMENT (5)
CO1	3	1	1
CO2	3	1	1
CO3	3	1	1
CO4	3	1	1
CO5	3	1	1
TOTAL	15	5	5

SNO	REG. NO	NAME	CO1	CO2	CO3	CO4	CO5	TOTAL	% TO TOTAL INTERNAL MARK
1	CB20S37797	GOPIKA.S	5	5	5	5	5	25	100
2	CB20S37797	GURUBHAVANI.R	5	5	4	5	5	24	96
3	CB20S37797	JANANI.N	5	5	5	5	5	25	100
4	CB20S37797	KALAIYARASI.A	5	5	5	4	5	24	96
5	CB20S37798	KALANITHI.J	4	4	4	4	4	20	80
6	CB20S37798	KAMALI.P	5	5	5	5	5	25	100
7	CB20S37798	KANIMOZHI.A	5	5	5	5	5	25	100
8	CB20S37798	KARTHIKA.G	5	4	5	5	5	24	96
9	CB20S37798	MADHUMITHA.N	5	5	5	5	5	25	100
10	CB20S37798	MAHALAKSHMI.K	5	5	4	5	5	24	96
11	CB20S37798	NALAYINI.R	5	5	5	5	5	25	100
12	CB20S37798	NALINIKA N	5	5	5	4	5	24	96
13	CB20S37798	NOORUL JASMINE.K	4	4	4	4	4	20	80
14	CB20S37798	PADHMAPRIYA.B	5	5	5	5	5	25	100

15	CB20S37799	PAVITHRA.D	5	5	5	5	5	25	100
16	CB20S37799	RAJESHWARI.R	5	4	5	5	5	24	96
17	CB20S37799	SANTHIKA.S	5	5	5	5	5	25	100
18	CB20S37799	SIVAGAMI.G	5	5	5	5	5	25	100
19	CB20S37799	SOPIKA.M	5	5	5	5	5	25	100
20	CB20S37799	SWATHI.G	5	5	4	5	5	24	96
21	CB20S37799	VEDHAVANISHA.R	5	5	5	5	5	25	100
22	CB20S37799	ABIRAMI.K.B	5	5	5	4	5	24	96
23	CB20S37799	ARIYAPADMASRI.G	4	4	4	4	4	20	80
24	CB20S37799	DEEPIKA.B	5	5	5	5	5	25	100
25	CB20S37800	DHANALAKSHMI.B	5	5	5	5	5	25	100
26	CB20S37800	GANGADEVI.S	5	4	5	5	5	24	96
27	CB20S37800	PREETHI.T	5	5	5	5	5	25	100
AVERAGE			4.89	4.78	4.78	4.78	4.89		

EXPECTED ATTAINMENT IN EACH CO - 85%

CO	TEST +	END SEM	TOTAL	%
CO1	4.89	75	79.89	93.99
CO2	4.78	75	79.78	93.86
CO3	4.78	75	79.78	93.86
CO4	4.78	75	79.78	93.86
CO5	4.89	75	79.89	93.99

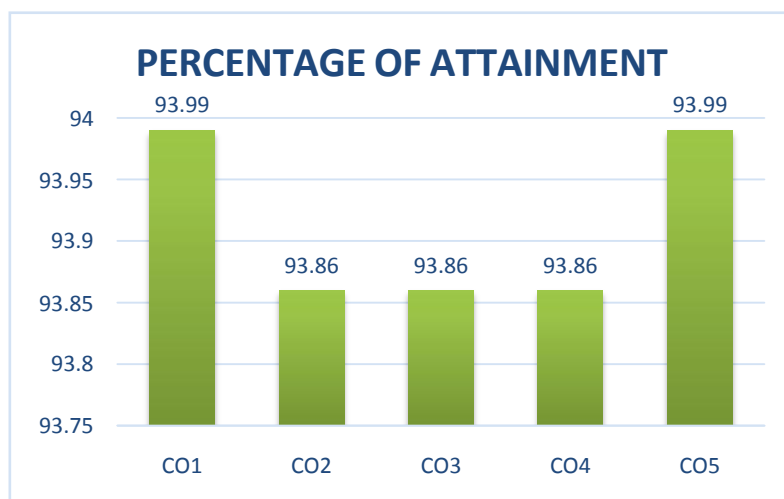
COURSE ATTAINMENT FOR B.Sc - MATHEMATICS

SUBJECT NAME : ANALYTICAL GEOMETRY 3D

SUBJECT CODE : 16SCCMM4

NO OF STUDENTS : 10

COURSE OUTCOME	ATTAINMENT
CO1	93.99
CO2	93.86
CO3	93.86
CO4	93.86
CO5	93.99



COURSE ATTAINMENT FOR B.Sc MATHEMATICS

SUBJECT NAME : ANALYTICAL GEOMETRY 3D

SUBJECT CODE : 16SCCMM4

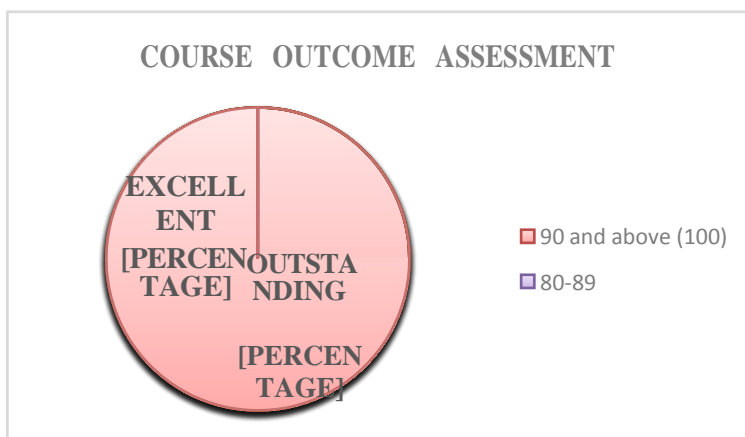
NO OF STUDENTS : 10

COURSE OUTCOME ASSESSMENT

CATEGORY MARKS	STUDENTS	STATUS
90 and above (100)	6	OUTSTANDING
80-89	4	EXCELLENT
70-79	0	DISTINCTION
60-69	0	VERY GOOD
50-59	0	GOOD
40-49	0	AVERAGE
below 40	0	RE-APPEAR

COURSE OUTCOME ASSESSMENT IN PERCENTAGE (%)

CATEGORY MARKS	PERCENTAGE	STATUS
90 and above (100)	60	OUTSTANDING
80-89	40	EXCELLENT



PROGRAM OUTCOME

PO1	Identify and enhance mathematical and computational strategies in order to solve mathematical problems.
PO2	Know various specialized areas of advanced mathematics and its applications.
PO3	Work as Professional mathematicians either in academia or elsewhere.
PO4	Inculcate knowledge of formulation and apply mathematical concepts which are suitable for real life applications.
PO5	Crack lectureship and fellowship exams affirmed by UGC like CSIR – NET and SET.

Name of the Programme : M.Sc Mathematics

Course Outcome

CO1	Apply the concepts of calculus of variations to find the maxima and minima of
CO2	Classify various kinds of Fourier sine and cosine transforms with their properties and
CO3	Examine some of Hankel transform and its inverse transform.
CO4	Determine the solution of Integral equations.
CO5	Evaluate the integral equations by the method of successive approximations.

PO →	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	3	3
CO2	3	2	3	2	3
CO3	3	3	2	3	2
CO4	3	2	2	3	3
CO5	2	3	3	3	2
AVERAGE	2.8	2.6	2.6	2.8	2.6

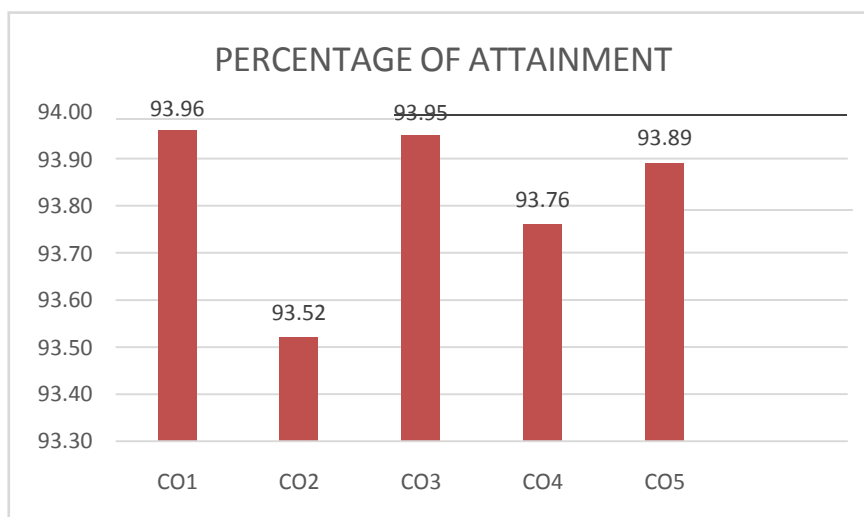
INTERNAL EXAMINATION MARK DISTRIBUTION FOR EACH COURSE OUTCOME

CO	INTERNAL (25)				
	UNIT TEST (15)		SEMINAR (5)		ASSIGNMENT (5)
CO1	3		1		1
CO2	3		1		1
CO3	3		1		1
CO4	3		1		1
CO5	3		1		1
TOTAL	15		5		5

SNO	REG. NO	NAME	CO1	CO2	CO3	CO4	CO5	TOTAL	%
1	P20192501	ABITHA.D	5	5	5	5	5	25	100
2	P20192502	AKILA S	5	4	5	5	5	24	96
3	P20192503	ARCHANA B	5	4	5	5		24	96
4	P20192504	ATCHAYA S	5	5	5	5	5	25	100
5	P20192505	ATCHAYA.A	5	4	5	5	5	24	96
6	P20192506	BALAPAVITHRA.R	5	4	5	5		24	96
7	P20192507	BHUVANA.V	5	5	5	5	5	25	96
8	P20192508	BLESSING GNANAJOTHI A	5	4	5	5	5	24	96
9	P20192509	DEEPADHARSHINI.D	5	4	5	5		24	96
10	P20192510	DEEPIKA T	5	5	5	5	5	25	100
11	P20192511	DEIVA.D	4	5	5	5	5	25	100
12	P20192512	DHIVYA.K	5	4	5	4	5	25	100
13	P20192513	DHIVYA.R	5	5	5	5	4	25	100
14	P20192514	DIVYABHARATHI S	5	5	5	4	5	24	96
15	P20192515	DIVYAMAAN.M	4	4	4	4	4	20	80
16	P20192516	GOWSIHA S	5	5	5	5	5	25	100
17	P20192517	HEMA A	4	5	5	5	5	25	100
18	P20192518	ISWARYA M	5	4	5	4	5	25	100
19	P20192519	JAYALAKSHMI.G	5	5	5	5	4	25	100
20	P20192520	JEEVITHA.K	5	5	5	4	5	25	100
21	P20192521	KABEESWARI I	5	5	5	4	5	24	96
22	P20192522	KAMALI.I	4	4	4	4	4	20	80
23	P20192524	MANGALESHWARI.S	5	5	5	4	5	24	96
24	P20192525	MEGAVATHI.G	4	4	4	4	4	20	80
25	P20192526	MOWRIJA V	5	4	5	5	5	24	96
26	P20192527	NITHYASRI.M	5	5	5	5	5	25	100
27	P20192528	PADMAPRIYA P	5	4	5	5	5	24	96
28	P20192529	RAJALAKSHMI.S	5	4	5	5	5	24	96
29	P20192530	RAMYA.K	5	4	5	5	5	24	96
30	P20192531	SATHIYA.M	5	4	5	5	5	25	100
31	P20192532	SHALINI.B	5	5	5	5	5	25	100
32	P20192533	SHEEBA ROSELIN.A	4	4	4	5	4	25	100
33	P20192534	SNEHA M	5	5	4	5	5	25	100
34	P20192535	SNEKA.C	5	5	5	4	5	25	100
35	P20192536	VAIRA PRIYADHARSHINI M	5	4	5	5	5	25	100
36	P20192537	VINITHA.G	5	4	5	4	5	25	100
37	P20192538	YAMUNA S	5	5	5	5	5	25	100
		Average	4.84	4.49	4.86	4.70	4.82		
CO	TEST+		END SEM		TOTAL			%	
CO1	4.84		75		79.84			93.93	
CO2	4.49		75		79.49			93.52	
CO3	4.86		75		79.86			93.95	
CO4	4.70		75		79.7			93.76	
CO5	4.82		75		79.82			93.91	

SUBJECT NAME : INTEGRAL EQUATIONS, CALCULUS OF VARIATIONS AND T
SUBJECT CODE : P16MA15
NO.OF STUDENTS : 15

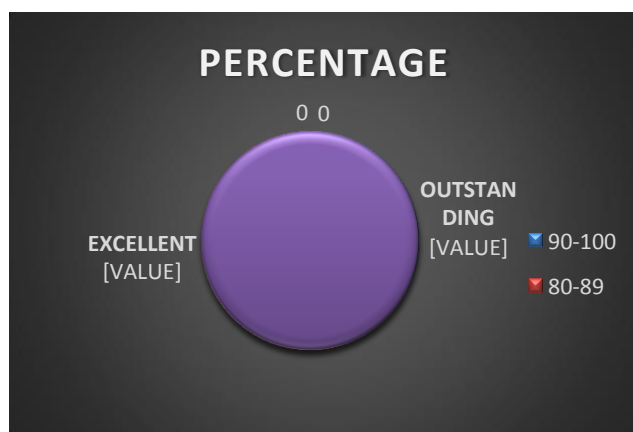
OUTCOME	OF
CO1	93.96
CO2	93.52
CO3	93.95
CO4	93.76
CO5	93.89



COURSE ATTAINMENT FOR M.Sc MATHEMATICS

SUBJECT NAME : INTEGRAL EQUATIONS, CALCULUS OF VARIATIONS AND TRANSFOR
SUBJECT CODE : P16MA15
NO.OF STUDENTS : 15

COURSE OUTCOME ASSESSMENT		
CATEGORY	NO.OF.	STATUS
90 and above(100)	7	OUTSTANDING
80-89	8	EXCELLENT
70-79	0	VERY GOOD
60-69	0	GOOD
50-59	0	ABOVE AVERAGE
Below 50	0	RE-APPEAR
COURSE OUTCOME ASSESSMENT IN PERCENTAGE		
CATEGORY	PERCENTAGE	STATUS
90-100	47%	OUTSTANDING
80-89	53%	EXCELLENT



PROGRAM OUTCOME

PO1	Remember the fundamental concepts of Mathematics
PO2	Imbibe the skills necessary to effectively translate mathematical aspects to the general public
PO3	Develop Critical thinking ability so as to improve Employability and Decision making.
PO4	Apply Mathematical Models to solve critical problems.
PO5	Apply the concepts studied, in real life situations.

Name of the Programme : B.Sc Mathematics

Course Outcome

CO1	Define first order, higher order differential equations solvable for dy/dx , x and y .
CO2	Discuss and demonstrate the Linear equations with variable coefficients and variation
CO3	Describe the origin of partial differential equation.
CO4	Explain PDE of second order homogeneous equation with constant coefficients.
CO5	Understand the concepts of differential equations and laplace transforms.

PO → CO ↓	PO1	PO2	PO3	PO4	PO5
CO1	3	2	2	2	3
CO2	3	3	3	2	2
CO3	3	3	3	3	2
CO4	2	2	2	3	3
CO5	3	2	3	3	3
AVERAGE	2.8	2.4	2.6	2.6	2.6

INTERNAL EXAMINATION MARK DISTRIBUTION FOR EACH COURSE OUTCOME

CO	INTERNAL (25)		
	UNIT TEST	MINOR	EXAMINATION (5)
CO1	3	1	1
CO2	3	1	1
CO3	3	1	1
CO4	3	1	1
CO5	3	1	1
TOTAL	15	5	5

SNO	REG. NO	NAME	CO1	CO2	CO3	CO4	CO5	TOTAL	%
1	CB20S37	GOPIKA.S	5	5	5	5	5	25	100
2	CB20S37	GURUBHAVANI.R	5	5	5	5	5	25	100
3	CB20S37	JANANI.N	5	5	5	5	5	25	100
4	CB20S37	KALAIYARASI.A	5	5	5	5	5	25	100
5	CB20S37	KALANITHI.J	4	5	5	5	4	23	92
6	CB20S37	KAMALI.P	5	5	5	5	5	25	100
7	CB20S37	KANIMOZHI.A	5	5	5	5	5	25	100
8	CB20S37	KARTHIKA.G	5	5	4	4	5	23	92
9	CB20S37	MADHUMITHA.N	4	5	4	5	5	23	92
10	CB20S37	MAHALAKSHMI.K	5	5	5	5	5	25	100
11	CB20S37	NALAYINI.R	5	5	5	5	5	25	100
12	CB20S37	NALINIKA.N	5	5	5	5	5	25	100
13	CB20S37	NOORUL JASMINE.K	4	5	5	5	5	24	96
14	CB20S37	PADHMAPRIYA.B	5	5	5	5	5	25	100
15	CB20S37	PAVITHRA.D	4	5	5	5	5	24	96
16	CB20S37	RAJESHWARI.R	5	5	5	5	5	25	100
17	CB20S37	SANTHIKA.S	5	5	5	5	5	25	100
18	CB20S37	SIVAGAMI.G	5	5	5	5	5	25	100

19	CB20S37	SOPIKA.M	5	5	5	5	5	25	100
20	CB20S37	SWATHI.G	5	5	5	5	5	25	100
21	CB20S37	VEDHAVANISHA.R	5	5	5	5	5	25	100
22	CB20S37	ABIRAMI.K.B	5	5	4	5	4	24	96
23	CB20S37	ARIYAPADMASRI.G	5	5	5	5	5	25	100
24	CB20S37	DEEPIKA.B	5	5	5	5	5	25	100
25	CB20S37	DHANALAKSHMI.B	5	4	5	4	5	23	92
26	CB20S37	GANGADEVI.S	5	5	5	5	5	25	100
27	B20S37800	PREETHI.T	5	5	4	5	5	24	96
Average			4.85185	4.96296	4.8518519	4.925926	4.92593		

EXPECTED ATTAINMENT IN EACH CO - 85%

CO	TEST+	END SEM	TOTAL	%
CO1	4.85	75	79.8515819	93.94
CO2	4.96	75	79.962963	94.07
CO3	4.85	75	79.85	93.94
CO4	4.92	75	79.92	94.02
CO5	4.92	75	79.92	94.02

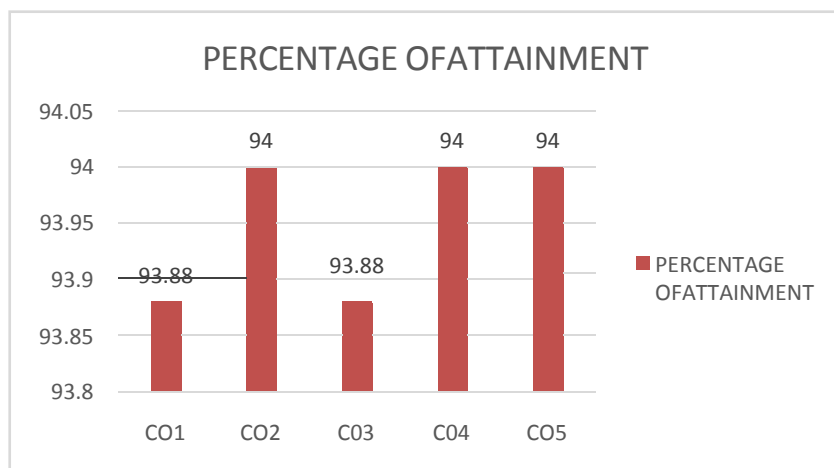
COURSE ATTAINMENT FOR B.Sc., MATHEMATICS

SUBJECT NAME : DIFFERENTIAL EQUATION AND LAPLACE TRANSFORMS

SUBJECT CODE : 16SCCMM3

NO OF STUDENTS 10

COURSE OUTCOME	PERCENTAGE
CO1	93.94
CO2	94.07
CO3	93.94
CO4	94.02
CO5	94.02



COURSE ATTAINMENT FOR B.Sc., MATHEMATICS

SUBJECT NAME DIFFERENTIAL EQUATION AND LAPLACE TRANSFORMS

SUBJECT CODE 16SCCMM3

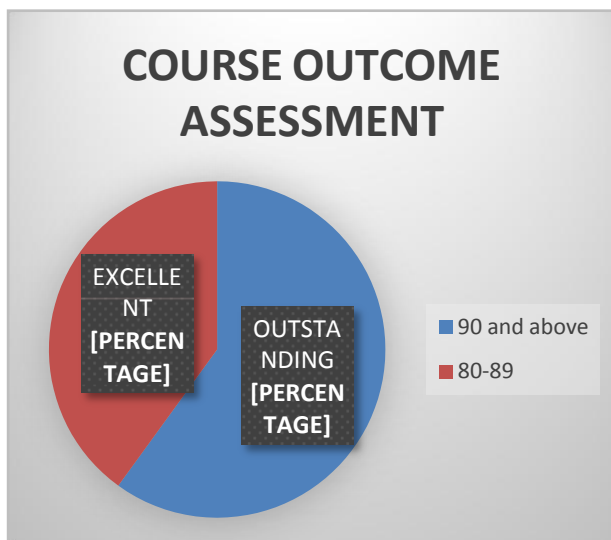
NO OF STUDENT 10

COURSE OUTCOME ASSESSMENT

CATEGORY MARKS	NO OF	STATUS
90 and above	6	OUTSTANDING
80-89	4	EXCELLENT
70-79	0	DISTINCTION
60-69	0	VERY GOOD
50-59	0	GOOD
40-49	0	AVERAGE
below 40	0	RE-APPEAR

COURSE OUTCOME ASSESSMENT IN PERCENTAGE

CATEGORY MARK	PERCENTAGE	STATUS
90 and above	60%	OUTSTANDING
80-89	40%	EXCELLENT



PROGRAM OUTCOME

PO1	Remember the fundamental concepts of Mathematics
PO2	Imbibe the skills necessary to effectively translate mathematical aspects to the general public
PO3	Develop Critical thinking ability so as to improve Employability and Decision making.
PO4	Apply Mathematical Models to solve critical problems.
PO5	Apply the concepts studied, in real life situations.

COURSE OUTCOME

CO1	Understand the basic definitions of graphs and their applications
CO2	Recognize the Characteristics of graph
CO3	List and relate special graphs
CO4	Learn about Planar Graphs
CO5	Understand the concepts of graph theory as an application of mathematics in information technology and its related fields.

PO →	PO1	PO2	PO3	PO4	PO5
CO1	3	2	3	3	3
CO2	3	3	3	2	2
CO3	3	3	3	3	3
CO4	2	3	3	3	3
CO5	3	2	2	3	3
AVERAGE	2.8	2.6	2.8	2.8	2.8

INTERNAL EXAMINATION MARK DISTRIBUTION FOR EACH COURSE OUTCOME

CO	INTERNAL (25)	TEST (15)	MINI-ASSIGNMENT (5)
CO1	3	1	1
CO2	3	1	1
CO3	3	1	1
CO4	3	1	1
CO5	3	1	1
TOTAL	15	5	5

SNO	REG. NO.	NAME	CO1	CO2	CO3	CO4	CO5	TOTAL	%
1	CB18S 3722	AARTHID	4	4	4	4	4	20	80
2	CB18S 3722	AKILA.P	4	4	4	4	4	20	80
3	CB18S 3722	AKILANDESHWARI.N.G	5	5	5	5	5	25	100
4	CB18S 3722	ANANTHIS	4	5	4	5	4	23	92
5	CB18S 3722	APURVA.J	5	5	5	5	5	25	100
6	CB18S 3722	BOOMIGA.S	5	5	5	5	5	25	100
7	CB18S 3722	BRUNDHA.B	5	5	5	5	5	25	100
8	CB18S 3722	GAYATHRI.A	5	4	5	4	5	23	92
9	CB18S 3722	HARINI.M	5	5	5	5	5	25	100
10	CB18S 3722	KARTHIKA.S	4	4	5	4	5	22	88
11	CB18S 3722	LAVANYA.S	4	5	5	4	5	23	92
12	CB18S 3722	MATHUBALA.M	5	4	5	5	4	23	92
13	CB18S 3722	MONISHA.P	5	4	5	4	4	22	88
14	CB18S 3722	MUTHUPRIYA.K	4	4	4	4	4	20	80
15	CB18S 3722	NISHA.P	5	4	5	4	5	23	92
16	CB18S 3722	NIVETHA.S	5	4	4	5	4	23	92
17	CB18S 3722	NUR SAFRINA.M	4	5	4	4	4	21	84
18	CB18S 3722	PAVITHRA.R	4	4	4	4	4	20	80
19	CB18S 3722	POTHIRANIS	5	4	4	4	4	21	84
20	CB18S 3722	PRADHESHA.R	5	5	5	5	5	25	100
21	CB18S 3722	PRATHEEPA.G	5	4	5	4	5	23	92
22	CB18S 3722	PRIYADHARSHINI.S	5	5	5	5	5	25	100
23	CB18S 3722	PUSHPATHARSHINI.M	5	5	5	5	5	25	100
24	CB18S 3722	RABIBUNISHA.B	5	5	5	5	5	25	100
25	CB18S 3722	ROSHINI.A	5	5	5	5	4	24	96
26	CB18S 3722	SANTHINI.M	5	4	5	4	5	23	92
27	CB18S 3722	SASEENTHRA.A	5	5	5	5	5	25	100
28	CB18S 3722	SATHIYAGEETHA.M	5	5	5	5	5	25	100
29	CB18S 3722	SNEHA.M	5	4	5	4	5	23	92
30	CB18S 3722	SUBIKSHA SHRI.T.S	5	5	5	5	5	25	100
31	CB18S 3722	SWATHI.R	5	5	5	5	5	25	100
32	CB18S 3722	SWATHIKA.N	5	5	5	5	5	25	100
33	CB18S 3722	THITHYA.K	5	5	5	5	4	24	96
34	CB18S 3722	VENNILA.B	5	4	5	4	4	22	88
35	CB18S 3722	VINDHIYA.M	5	5	5	5	5	25	100
AVERAGE			4.77	4.57	4.77	4.57	4.63		

EXPECTED ATTAINMENT IN EACH CO - 85%

CO	TEST+	END SEM	TOTAL	%
CO1	4.77	75	79.77	93.85
CO2	4.57	75	79.57	93.61
CO3	4.77	75	79.77	93.85
CO4	4.57	75	79.57	93.61
CO5	4.63	75	79.63	93.68

COURSE ATTAINMENT FOR B.Sc., MATHEMATICS

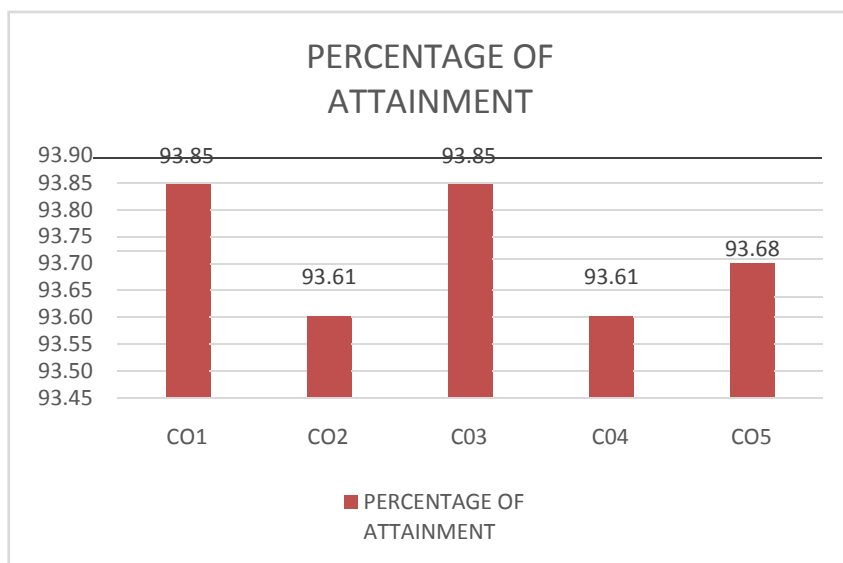
SUBJECT NAME : GRAPH THEORY

SUBJECT CODE : 16SMBEMM2:1

NO OF STUDENTS : 27

COURSE OUTCOME	ATTAINMENT
CO1	93.85
CO2	93.61

C03	93.85
C04	93.61
C05	93.68



COURSE ATTAINMENT FOR B.Sc., MATHEMATICS

SUBJECT NAME : GRAPH THEORY
 SUBJECT CODE : 16SMBEMM2:1
 NO OF STUDENTS 27

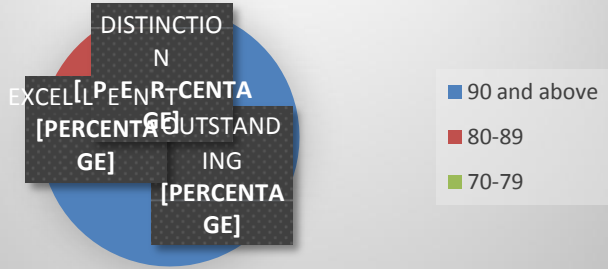
COURSE OUTCOME ASSESSMENT

CATEGORY MARKS	NO OF	STATUS
90 and above	19	OUTSTANDING
80-89	7	EXCELLENT
70-79	1	DISTINCTION
60-69	0	VERY GOOD
50-59	0	GOOD
40-49	0	AVERAGE
below 40	0	RE-APPEAR

COURSE OUTCOME ASSESSMENT IN PERCENTAGE

CATEGORY MARKS	PERCENTAGE	STATUS
90 and above	68	OUTSTANDING
80-89	25	EXCELLENT
70-79	4	DISTINCTION

COURSE OUTCOME ASSESSMENT



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